

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of	)	
CHARLES L. CUNNINGHAM et al.	)	Art Unit:
	)	Unknown
Serial No.: Not yet assigned	)	
	)	
Filed: Herewith	)	
	)	
Title: ON CAR BRAKE LATHE ALIGNING	)	
APPARATUS	)	

INFORMATION DISCLOSURE STATEMENT

MS Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. 1.56, 1.97, and 1.98, Applicant is submitting the art shown on the attached list for consideration by the Examiner.

**I. Timing of the Submission** (check one)

This Information Disclosure Statement is being submitted:

- ☒ Within three months of filing the application (Rule 97(b)(1)).
- ☐ Within three months of the international application entering the national stage (Rule 97(b)(2)).
- ☐ Before mailing of a first Office Action (Rule 97(b)(3)).
- ☐ Before mailing of a final action or notice of allowance, and accompanied by a fee (Rule 97(c)(2)).
- ☐ Before mailing of a final action or notice of allowance, and accompanied by a Rule 97(e) statement (Rule 97(c)(1)).

- ☐ After issuance of a Notice of Allowance but before payment of the issue fee, and accompanied by: (1) a Rule 97(e) statement, (2) a petition requesting consideration of the information disclosure statement, and (3) a fee (Rule 97(d)).

**II. Rule 97(e) Statement** (check one if required by item checked above)

- ☐ Each item contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.
- ☐ No item contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application nor was any such item known by any individual associated with the filing or prosecution of the patent application more than three months prior to the filing of the Information Disclosure Statement.

**III. Copies of the References** (check one or both as applicable)

- ☒ Copies of 77 (insert "all" or number of enclosed references) listed references are enclosed.
- ☐ Copies of \_\_\_\_\_ (insert "all" or number of references not enclosed) listed references are not enclosed because they are not required pursuant to Rule 98(d). The listed references were previously cited by or submitted to the Office in application serial number \_\_\_\_\_, filed \_\_\_\_\_, which is relied upon for an earlier filing date.

**IV. Rule 98(a)(3) Statement for Non-English language references**  
(if required)

Pursuant to Rule 98(a)(3), the following is a concise explanation of the relevance of each patent, publication, or other information listed that is not in the English language: Like the present invention, the non-English language references appear to relate for the most part to brake resurfacing equipment. It is believed that the relevance of these documents can be discerned from their drawings. Moreover, a brief abstract is provided in the English language for some of these references.

**V. Mailing Certificate (check one)**

☐ First Class Mail Certificate

I hereby certify that this correspondence and any referenced attachment and/or fee are being deposited with the United States Postal Service as first class mail in an envelope addressed to: MS Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450,  
On

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(Signature of person mailing paper or fee)

☒ Express Mail Certificate

"Express Mail" - Mailing Label Number EV 081821349 US  
Date of Deposit - September 24, 2003.

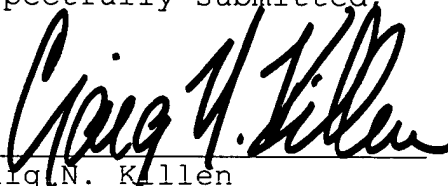
I hereby certify that this correspondence and any referenced attachment and/or fee are being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R 1.10 on the date indicated above and is addressed to MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Martha Boynton  
(Typed/printed name of person mailing paper or fee)

Martha Boynton  
(Signature of person mailing paper or fee)

Please charge any fees required for consideration of the  
art cited herein to our deposit account no. 50-1196.

Respectfully submitted

A handwritten signature in black ink, reading "Craig N. Killen". The signature is written in a cursive, flowing style with a large initial "C".

Craig N. Killen

Reg. No. 35,218

NELSON MULLINS RILEY & SCARBOROUGH

P.O. Box 11070

Columbia, SC 29211-1070

Telephone: (803) 255-9382

Facsimile: (803) 255-9103

Form PTO-1449

# **INFORMATION DISCLOSURE CITATION IN AN APPLICATION**

*(Use several sheets if necessary)*

Docket Number Optional  
15923-9011 DIV

Application Number  
Not yet assigned

Applicant  
Charles L. Cunningham et al.

Filing Date  
Herewith

Group Art Unit  
Not yet assigned

## **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6	1	1	6	8	4	4	09/12/00	Hayward			
	6	1	0	1	9	1	1	08/15/00	Newell et al.			
	6	0	5	0	1	6	0	04/18/00	Newell et al.			
	6	0	4	4	3	1	0	03/28/00	Douglass			
	5	9	7	4	8	7	8	11/02/99	Newell et al.			
	5	9	7	0	4	2	7	10/19/99	Greenwald			
	5	9	6	7	2	0	8	10/19/99	Calvert			
	5	7	6	5	4	5	7	06/16/98	Meyer et al.			
	5	7	6	0	9	3	8	06/02/98	Hodge			
	5	6	5	3	1	5	3	08/05/97	Greenwald			
	5	6	4	5	4	6	5	07/08/97	Vannan, III			
	5	6	1	5	5	8	9	04/01/97	Roach			
	5	6	0	2	7	3	3	02/11/97	Rogers et al.			
	5	5	4	9	0	2	3	08/27/96	Strout et al.			
	5	5	4	4	8	7	2	08/13/96	Schuit			
	5	4	9	9	5	6	3	03/19/96	Hansen			
	5	3	4	7	8	9	5	09/20/94	Bellinghausen et al.			

## **FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	Translation	
												YES	NO
	0	0	2	5	9	6	2	05/11/00	PCT			X	
	9	8	0	9	7	5	4	03/12/98	PCT			X	
	9	8	1	0	2	6	2	03/12/98	PCT			X	
	7	2	4	6	5	0	1	09/26/95	Japan				X
	4	4	0	3	9	5	1	08/10/95	Germany				X

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

<b>Form PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>										Docket Number Optional 15923-9011 DIV				Application Number Not yet assigned			
										Applicant Charles L. Cunningham et al.							
										Filing Date Herewith				Group Art Unit Not yet assigned			
<b>U.S. PATENT DOCUMENTS</b>																	
EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE					
	5	2	7	9	1	9	2	01/18/94	Hartman								
	5	2	0	1	5	8	6	04/13/93	Zimmermann et al.								
	5	1	8	7	6	6	9	02/16/93	Wildes et al.								
	5	1	0	3	5	9	5	04/14/92	Dale et al.								
	5	0	9	9	7	2	8	03/31/92	Thiem								
	5	0	5	4	9	1	8	10/08/91	Downing et al.								
	4	9	5	3	2	9	6	09/04/90	Spainhour								
	4	8	5	4	1	9	9	08/08/89	Norman								
	4	8	5	3	6	8	0	08/01/89	Thomas								
	4	8	3	1	3	6	5	05/16/89	Thomas et al.								
	4	7	6	4	7	6	0	08/16/88	Bedard et al.								
	4	7	5	9	2	4	3	07/26/88	Thompson								
	4	7	4	5	4	6	9	05/17/88	Waldecker et al.								
	4	7	0	3	9	7	7	11/03/87	Haanschoten								
	4	6	7	8	4	0	8	07/07/87	Nason et al.								
	4	6	4	0	1	5	8	02/03/87	Link et al.								
<b>FOREIGN PATENT DOCUMENTS</b>																	
	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	Translation					
	5	2	7	3	0	9	0	10/22/93	Japan			YES	NO				
	4	3	3	0	8	1	1	09/12/93	Germany				X				
	4	2	4	3	0	8	7	06/24/93	Germany (A1)				X				
	4	2	4	3	0	8	7	06/24/93	Germany (C2)				X				
	4	1	0	7	4	7	1	09/10/92	Germany				X				
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>																	
EXAMINER										DATE CONSIDERED							
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				<b>Applicant</b> Charles L. Cunningham et al.			
				<b>Filing Date</b> Herewith		<b>Group Art Unit</b> Not yet assigned	

U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4	5	2	3	4	9	9	06/18/85	Aldridge, Jr.			
	4	4	9	3	2	3	1	01/15/85	Wossner			
	4	4	7	8	1	1	6	10/23/84	Fuller			
	4	4	5	2	1	1	1	06/05/84	Anderson			
	4	3	8	8	8	4	6	06/21/83	Kopecko et al.			
	4	3	3	6	7	3	0	06/29/82	Kopecko et al.			
	4	2	2	6	1	4	6	10/07/80	Ekman			
	4	1	8	0	9	1	5	01/01/80	Lill et al.			
	4	1	6	5	6	6	2	08/28/79	Besenbruch et al.			
	3	9	5	1	5	6	3	04/20/76	Ravenhall			
	3	8	9	5	5	3	9	07/22/75	Weman et al.			
	3	6	9	1	8	8	0	09/19/72	Ratteree et al.			

FOREIGN PATENT DOCUMENTS													
	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	Translation	
												YES	NO
	4	0	1	0	1	8	0	10/02/91	Germany				X
	3	8	4	2	7	0	4	04/12/90	Germany				X
	1	1	6	8	8	4	1	07/04/89	Japan				X
	3	7	1	3	7	4	4	11/03/88	Germany				X
	1	1	7	0	0	1		06/04/86	Japan			X	
	5	8	8	2	6	0	2	05/18/83	Japan				X

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)
	Paper entitled "Development of Precise Rotating Mechanism with Fine Motion Stage," Proceedings of Ninth World Congress of the Theory of Machines and Mechanisms held in Politecnico di Milano, Italy, August 29 through September 2, 1995.	
EXAMINER	DATE CONSIDERED	

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	3	6	8	9	1	6	1	09/05/72	Lill et al.								
	3	6	6	3	7	9	5	05/16/72	Myer								
	3	6	0	3	1	5	8	09/07/71	Schlitz								
	3	5	4	0	1	6	5	11/17/70	Lanham								
	3	5	4	0	1	6	4	11/17/70	Deceuster								
	3	3	7	3	6	2	2	03/19/68	Stautmeister								
	3	3	0	3	7	0	9	02/14/67	Slisz et al.								
	2	5	4	6	2	2	5	03/27/51	Julian et al.								
	1	9	0	4	1	5	2	04/18/33	Lovely								
	1	7	3	3	5	7	8	10/29/29	Burke								
	1	5	5	4	3	0	2	09/22/25	Slyder et al.								
	1	2	3	6	7	4	8	08/14/17	Osberg et al.								
	R	e	3	3	1	4	4	01/09/90	Hunter et al.								
<b>FOREIGN PATENT DOCUMENTS</b>																	
	<b>DOCUMENT NUMBER</b>							<b>DATE</b>	<b>COUNTRY</b>	<b>CLASS</b>	<b>SUBCLASS</b>	<b>Translation</b>					
	2	8	3	5	2	5	8	02/21/80	Germany			<b>YES</b>	<b>NO</b>				
	1	6	5	0	7	3	1	02/28/74	Germany				X				
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>																	
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